



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 97345

TO: Jeanine Goldberg
Location: r 12D11; m 12E12
Art Unit: 1634
Tuesday, June 24, 2003

Case Serial Number: 680208

From: Barb O'Bryen
Location: Biotech-Chem Library
CM1-6A05
Phone: 308-4291

barbara.obryen@uspto.gov

Search Notes

O'Bryen, Barbara

From: Goldberg, Jeanine
Sent: Tuesday, June 17, 2003 9:11 AM
To: O'Bryen, Barbara
Subject: RE: search problem

Can you search only SEQ ID NO: 2 and 12 in less than 20 hours?
If this is still too much i will contact an approval person.
If I don't get all the info I need, I will request another search with approval.
thanks
Jeanine

-----Original Message-----

From: O'Bryen, Barbara
Sent: Tuesday, June 17, 2003 9:04 AM
To: Goldberg, Jeanine
Subject: search problem

Hi Jeanine,

On case 09/680208, you had asked me to search seq 1,2,11, & 12 vs pending & commercial. Unfortunately, because of the length of the sequences (1=3236 na, 2=5752 na, 11=7581 na, 12=7618 na), the search is projected to take 29 hours to process. We require special approval for any search that will take >20 hours to process. Approval can be obtained from: Jeff Fredman, Scott Priebe, Jim Martinell, or Mike Pak. Please ask whomever you discuss the case with to send approval directly to me & not to the general STIC-Biotech/ChemLib mailbox.

Thanks,
Barb



=> s pde10?

L1 12 PDE10?

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2 12 DUP REM L1 (0 DUPLICATES REMOVED)

=> d ti 1-12

L2 ANSWER 1 OF 12 MEDLINE

TI Cloning and characterization of a cAMP-specific phosphodiesterase (TbPDE2B) from Trypanosoma brucei.

L2 ANSWER 2 OF 12 MEDLINE

TI The gamma subunit of the rod photoreceptor cGMP phosphodiesterase can modulate the proteolysis of two cGMP binding cGMP-specific phosphodiesterases (PDE6 and PDE5) by caspase-3.

L2 ANSWER 3 OF 12 MEDLINE

TI Genomic organization of the human phosphodiesterase PDE11A gene. Evolutionary relatedness with other PDEs containing GAF domains.

L2 ANSWER 4 OF 12 MEDLINE

TI The human phosphodiesterase **PDE10A** gene genomic organization and evolutionary relatedness with other PDEs containing GAF domains.

L2 ANSWER 5 OF 12 MEDLINE

TI Molecular cloning and characterization of a distinct human phosphodiesterase gene family: PDE11A.

L2 ANSWER 6 OF 12 MEDLINE

TI Regulation of cAMP and cGMP signaling: new phosphodiesterases and new functions.

L2 ANSWER 7 OF 12 MEDLINE

TI Cloning and characterization of a novel human phosphodiesterase that hydrolyzes both cAMP and cGMP (**PDE10A**).

L2 ANSWER 8 OF 12 MEDLINE

TI Isolation and characterization of a dual-substrate phosphodiesterase gene family: **PDE10A**.

L2 ANSWER 9 OF 12 MEDLINE

TI Striatum- and testis-specific phosphodiesterase **PDE10A** isolation and characterization of a rat **PDE10A**.

L2 ANSWER 10 OF 12 MEDLINE

TI Characterization and phosphorylation of **PDE10A2**, a novel alternative splice variant of human phosphodiesterase that hydrolyzes cAMP and cGMP.

L2 ANSWER 11 OF 12 MEDLINE

TI Isolation and characterization of **PDE10A**, a novel human 3', 5'-cyclic nucleotide phosphodiesterase.

L2 ANSWER 12 OF 12 MEDLINE

TI Hygromycin resistance as a selectable marker in Dictyostelium discoideum.

=> d 7

L2 ANSWER 7 OF 12 MEDLINE

AN 1999303608 MEDLINE

DN 99303608 PubMed ID: 10373451
 TI Cloning and characterization of a novel human phosphodiesterase that hydrolyzes both cAMP and cGMP (**PDE10A**).
 AU Fujishige K; Kotera J; Michibata H; Yuasa K; Takebayashi S; Okumura K; Omori K
 CS Discovery Research Laboratory, Tanabe Seiyaku Co. Ltd., 2-50, Kawagishi-2-chome, Toda, Saitama 335-8505, Japan.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jun 25) 274 (26) 18438-45.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AB020593
 EM 199907
 ED Entered STN: 19990727
 Last Updated on STN: 19990727
 Entered Medline: 19990715

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.54

0.75

FILE 'STNGUIDE' ENTERED AT 08:28:55 ON 25 JUN 2003
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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jun 20, 2003 (20030620/UP).

=> d 4 8, 9, 10, 11

YOU HAVE REQUESTED DATA FROM FILE 'MEDLINE' - CONTINUE? (Y)/N:y

L2 ANSWER 4 OF 12 MEDLINE
 AN 2001026933 MEDLINE
 DN 20453115 PubMed ID: 10998054
 TI The human phosphodiesterase **PDE10A** gene genomic organization and evolutionary relatedness with other PDEs containing GAF domains.
 AU Fujishige K; Kotera J; Yuasa K; Omori K
 CS Discovery Research Laboratory, Tanabe Seiyaku Co. Ltd, Saitama, Japan.
 SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (2000 Oct) 267 (19) 5943-51.
 Journal code: 0107600. ISSN: 0014-2956.
 CY GERMANY: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200011
 ED Entered STN: 20010322
 Last Updated on STN: 20010322
 Entered Medline: 20001113

L2 ANSWER 8 OF 12 MEDLINE
 AN 1999289599 MEDLINE
 DN 99289599 PubMed ID: 10359840
 TI Isolation and characterization of a dual-substrate phosphodiesterase gene family: **PDE10A**.
 AU Soderling S H; Bayuga S J; Beavo J A
 CS Department of Pharmacology, Box 357280, University of Washington, Seattle, WA 98195, USA.

NC DK21723 (NIDDK)
 GM07750 (NIGMS)
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
 AMERICA, (1999 Jun 8) 96 (12) 7071-6.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AF110507
 EM 199907
 ED Entered STN: 19990715
 Last Updated on STN: 19990715
 Entered Medline: 19990708

L2 ANSWER 9 OF 12 MEDLINE
 AN 2000050627 MEDLINE
 DN 20050627 PubMed ID: 10583409
 TI Striatum- and testis-specific phosphodiesterase **PDE10A** isolation
 and characterization of a rat **PDE10A**.
 AU Fujishige K; Kotera J; Omori K
 CS Discovery Research Laboratory, Tanabe Seiyaku Co. Ltd. Saitama, Japan.
 SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (1999 Dec) 266 (3) 1118-27.
 Journal code: 0107600. ISSN: 0014-2956.
 CY GERMANY: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AB027155; GENBANK-AB027156
 EM 200001
 ED Entered STN: 20000209
 Last Updated on STN: 20000209
 Entered Medline: 20000131

L2 ANSWER 10 OF 12 MEDLINE
 AN 1999373117 MEDLINE
 DN 99373117 PubMed ID: 10441464
 TI Characterization and phosphorylation of **PDE10A2**, a novel
 alternative splice variant of human phosphodiesterase that hydrolyzes cAMP
 and cGMP.
 AU Kotera J; Fujishige K; Yuasa K; Omori K
 CS Discovery Research Laboratory, Tanabe Seiyaku Co. Ltd., 2-50,
 Kawagishi-2-chome, Toda, Saitama, 335-8505, Japan.
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1999 Aug 11) 261 (3)
 551-7.
 Journal code: 0372516. ISSN: 0006-291X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AB026816
 EM 199909
 ED Entered STN: 19990925
 Last Updated on STN: 19990925
 Entered Medline: 19990909

L2 ANSWER 11 OF 12 MEDLINE
 AN 1999321805 MEDLINE
 DN 99321805 PubMed ID: 10393245
 TI Isolation and characterization of **PDE10A**, a novel human 3',
 5'-cyclic nucleotide phosphodiesterase.
 AU Loughney K; Snyder P B; Uher L; Rosman G J; Ferguson K; Florio V A
 CS ICOS Corporation, Bothell, WA 98021, USA.. kloughney@icos.com
 SO GENE, (1999 Jun 24) 234 (1) 109-17.

Journal code: 7706761. ISSN: 0378-1119.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF127479; GENBANK-AF127480
EM 199908
ED Entered STN: 19990827
Last Updated on STN: 19990827
Entered Medline: 19990819

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